



Maryland Climate Collaborative Meeting

Wednesday, October 4, 2023

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Maryland Department of the Environment



Agenda

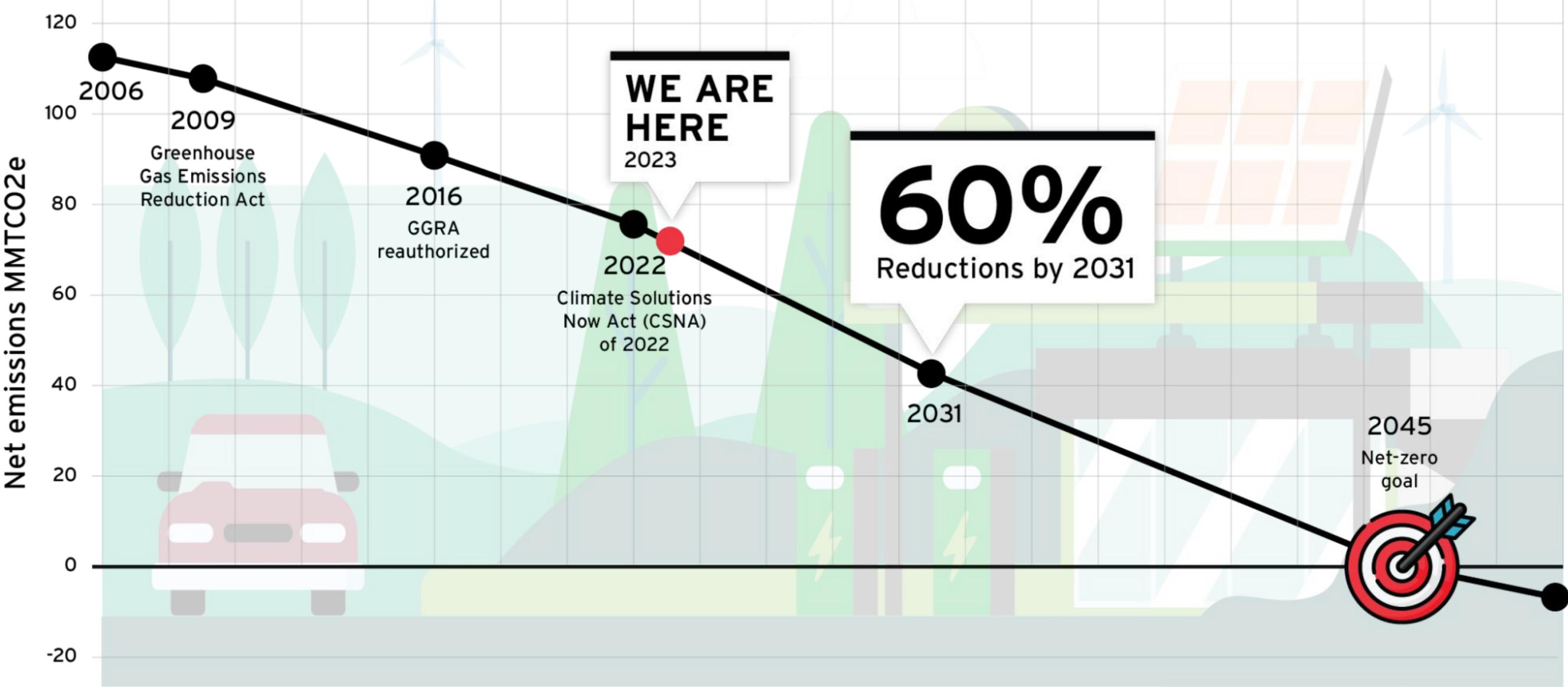
- Building A Plan Together Outreach Sessions
- EPA Climate Pollution Reduction Grant for Planning
- Next Steps for State-Wide Climate Action
- Q&A
- Discussion
 - Participant priorities
 - Implementation-ready greenhouse gas emission reduction measures



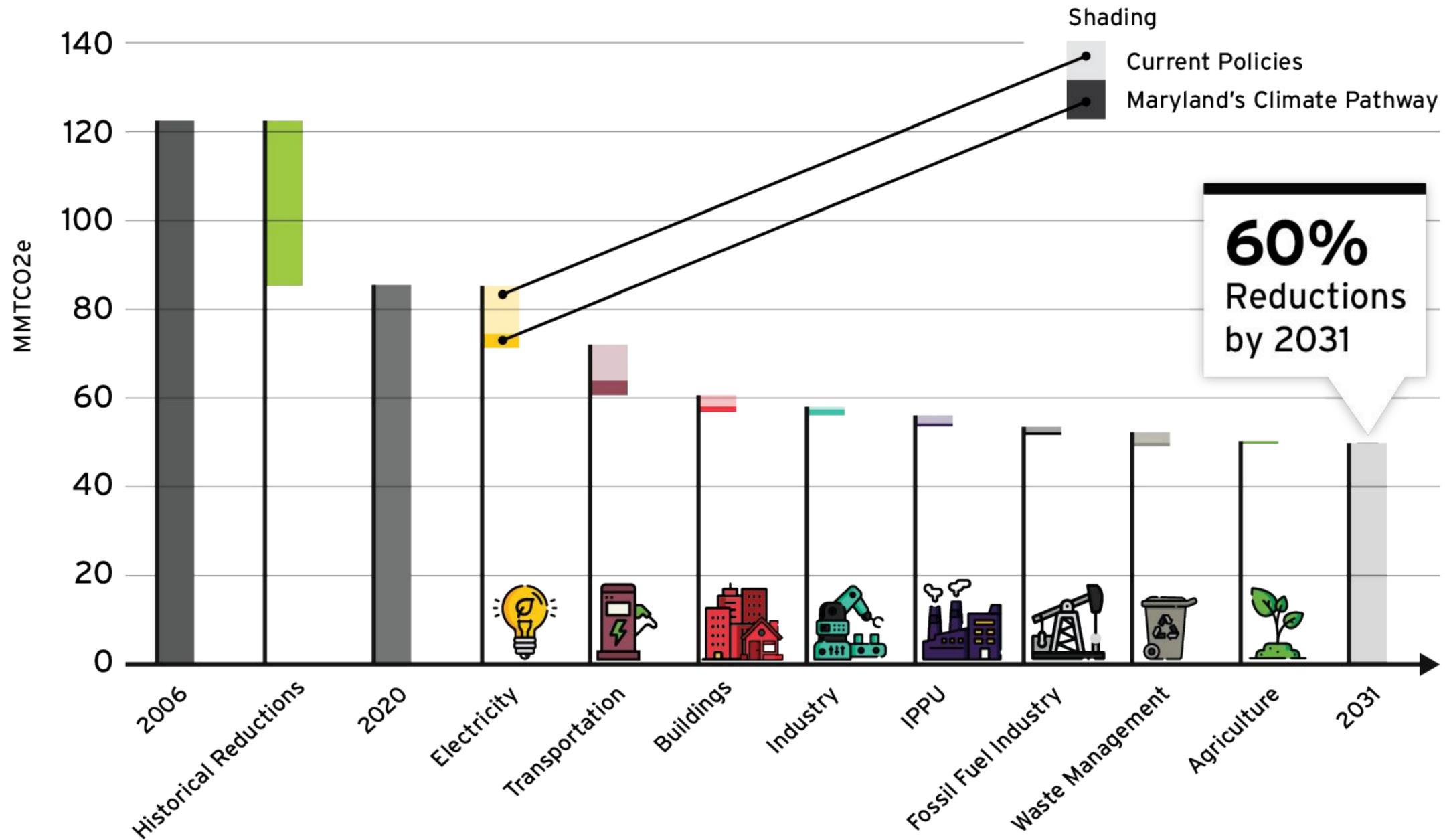
Climate Pathway Listening Sessions

- In person sessions across Maryland
 - Bowie State University, July 25
 - Hagerstown Community College, Aug 8
 - Salisbury University, Aug 19
 - Morgan State University, Sep 12
 - College of Southern Maryland, Sep 19
- Two virtual sessions
 - Sep 5 for elected officials
 - Sep 26 for public
- Maryland's Climate Pathway Report
 - <https://www.marylandsclimatepathway.com/>
- Recordings available on MDE's [Youtube](#)

The Path to 2045



Maryland's Climate Pathway by Sector



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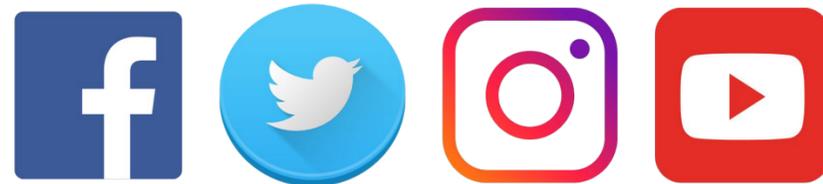
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Submit Comments and Learn More

mde.maryland.gov/climatechange

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EPA Climate Pollution Reduction Grant

- Funds Overview
 - Planning Grants for Maryland:
 - \$3 million for Maryland
 - \$3 million for Washington DC and Metro Area MSA
 - \$1 million for Baltimore Metro Area MSA
 - \$1 million for Philadelphia Metro Area MSA
 - \$4.6 billion in competitive Implementation Grants
 - “Unlocked” by plans from planning grants
- Timeline
 - Summer, 2023: Planning grants awarded
 - September, 2023: Implementation Grants NOFO
 - March, 2024: Priority Climate Action Plan Due
 - April, 2024: Application deadline Implementation Grant

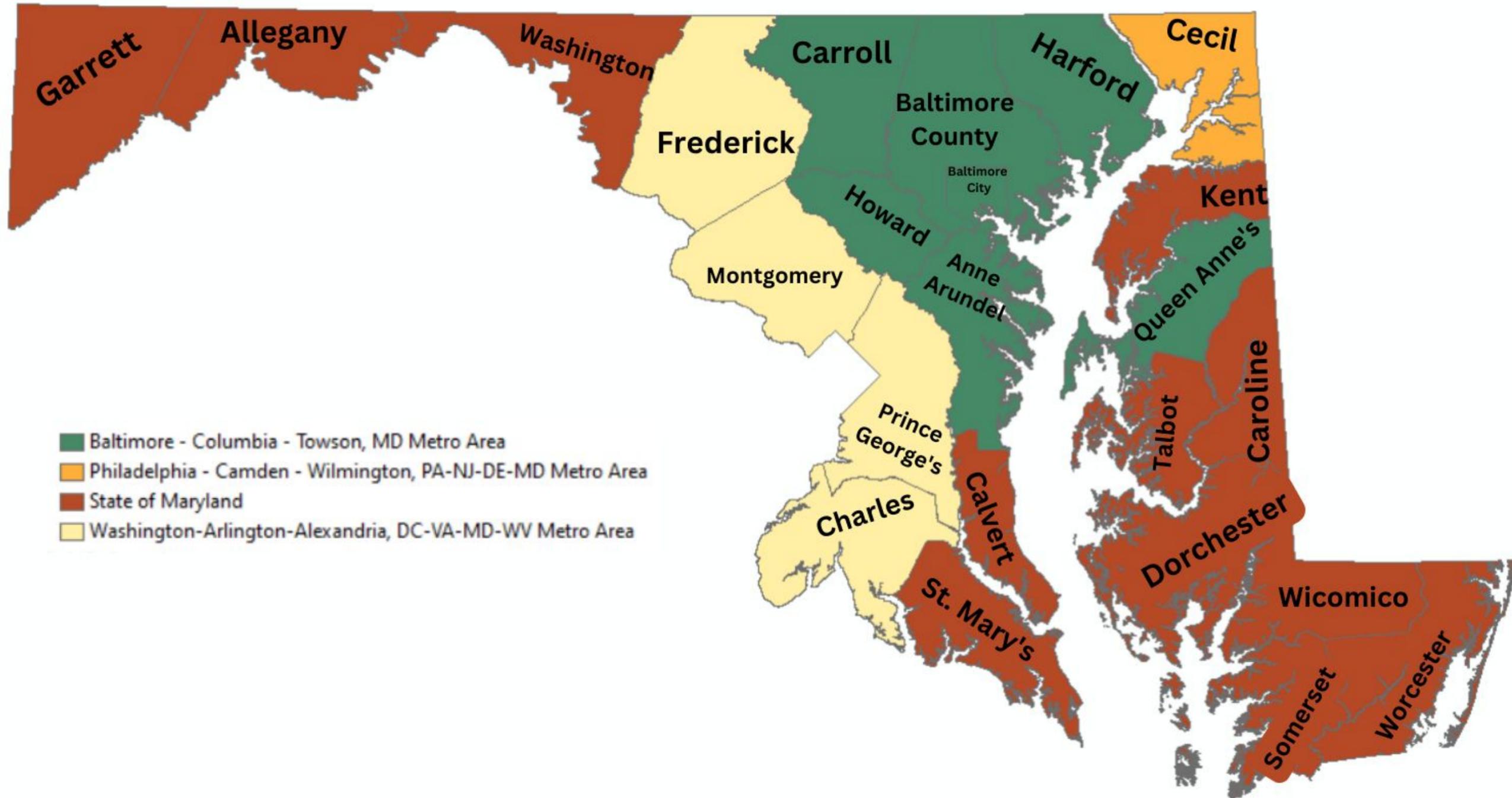


CPRG Objectives for Maryland

- **Tackle damaging climate pollution** while supporting the creation of good jobs and lowering energy costs for families.
- **Accelerate work to address environmental injustice** and empower community-driven solutions in overburdened neighborhoods.
- **Deliver cleaner air** by reducing harmful air pollution in places where people live, work, play, and go to school.
- **Ensure Maryland is competitive for federal implementation funds** from the Bipartisan Infrastructure Law and Inflation Reduction Act.
- **Drive successful local level implementation** for high priority GHG emission reduction programs and projects.



Maryland CPRG Planning Areas





MDE CPRG Deliverable Development Approach

Existing Maryland State, Agency, County and other Climate Plans and Reports	+	Maryland 2031 Greenhouse Gas Reduction Plan	+	County, local, and community feedback with focus on <u>ready-to-implement, priority projects</u>	=	EPA CPRG Deliverable #1 Priority Climate Action Plan (March 2024)
CPRG Priority Climate Action Plan	+	Maryland 2031 Greenhouse Gas Reduction Plan	+	County, local, and community feedback with focus on <u>economy-wide GHG emission reduction projects</u>	=	EPA CPRG Deliverable #2 Comprehensive Climate Action Plan (2025)
CPRG Comprehensive Climate Action Plan	+	2023 MD-statewide GHG Inventory, Annual Reports and Spending Analyses	+	County, local, and community feedback about <u>implemented projects</u> and next steps for <u>planned projects</u>	=	EPA CPRG Deliverable #3 Status Report (2027)



Next Steps for State-Wide Climate Action

- [CPRG Implementation Grants](#)
 - EPA Slides from [NOFO webinar](#)
 - Objectives:
 - Achieve significant cumulative greenhouse gas (GHG) reductions by 2030 and beyond
 - Achieve substantial community benefits, particularly in low-income and disadvantaged communities
 - Complement other funding sources to maximize these benefits
 - Pursue innovative policies and programs that are replicable and can be “scaled up”
- Maryland CPRG Local Support Program
 - Under development for counties not covered by another CPRG planning grant



Next Steps for State-Wide Climate Action (cont)

- Governor Moore's Federal Investment Team
 - Centralized structure for pursuing federal investment opportunities
 - Collaboration between agencies
 - Single point of contact in the Governor's Office
- Upcoming Grant Opportunities :
 - EPA GGRF Solar for All: Letters of Support to MCEC!
 - EPA Brownfields Multipurpose, Assessment, and Cleanup Grants: \$235 million in grants to assess and clean up polluted brownfield sites due Nov 13.
 - EPA Clean School Bus Rebate Competition: \$500 million in funding from the Clean School Bus rebate competition. Applicants can request up to \$345,000 per bus. EPA is accepting rebate applications from September 28, 2023, until January 31, 2024.
- Resource Share: <https://climateprogramportal.org/>



Questions & Discussion

- Q&A
- Discussion
 - Participant priorities
 - Implementation-ready greenhouse gas emission reduction measures
 - Community engagement
- Next Steps
 - <https://mde.maryland.gov/programs/air/ClimateChange/Pages/Climate-Pollution-Reduction-Grant-Program.aspx>



Supplemental Slides



**What can Maryland do to
realize GHG emissions
reductions?**

Key implementation opportunities



Decarbonizing electricity also enables decarbonization of other sectors

- Equitable transition
- Access to incentives



Overcoming barriers to the electric vehicle transition and reducing miles traveled

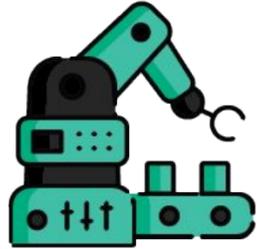
- Affordability
- Access to charging infrastructure
- Access to public transit



Efficient and clean building technologies must be made available to everyone

- Affordability
- Access for owners and renters

Key implementation opportunities



Decarbonizing the industrial sector is challenging but has large untapped potential

- Stakeholder engagement
- Research and innovation



Waste management is an opportunity to achieve greenhouse gas reductions

- Equity
- Reduce pollution
- Waste diversion



Land and agriculture sector can contribute to reductions and help the Bay

- Improve soil health
- Preserve & expand forest sinks
- Improve water & air quality



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